



Form PTO-1449 Modified		Docket No. CELL-0276/PA562.div	Application No. 10/684,774
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Richard S. Dondero, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date October 14, 2003	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
SG	1	Boraschi and Tagliabue, "Interleukin-1 and Interleukin-1 Fragments as Vaccine Adjuvants", <i>Methods</i> , 1999, 19, 108-113	
	2	Carter, D.B., et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," <i>Nature</i> , April 1990, 344, 633-638	
	3	Clore, G.M., "High-resolution three-dimensional structure of interleukin 1 β in solution by three- and four-dimensional nuclear magnetic resonance spectroscopy," <i>Biochemistry</i> , 1991, 30(9), 2315-2323	
	4	DeChiara, T.M., et al., "Structure-function analysis of murine interleukin 1: biologically active polypeptides are at least 127 amino acids long and are derived from the carboxyl terminus of a 270-amino acid precursor," <i>Proc. Natl. Acad. Sci.</i> , November 1986, 83, 8303-8307	
	5	Dower, S.K., et al., "Detection and characterization of high affinity plasma membrane receptors for human interleukin 1," <i>J. Exp. Med.</i> , 1985, 162, 501-515	
	6	Dripps, D.J., et al., "Interleukin-1 (IL-1) receptor antagonist bonds to the 80-kDa IL-1 receptor but does not initiate IL-1 signal transduction," <i>J. Biol. Chem.</i> , June 5, 1991, 266(16), 10331-10336	
	7	Driscoll, P.C., et al., "Complete resonance assignment for the polypeptide backbone of interleukin 1 β using three-dimensional heteronuclear NMR spectroscopy," <i>Biochemistry</i> , 1990, 29(14), 3542-3556	
	8	Finzel, B.C., et al., "Crystal structure of recombinant human interleukin-1 β at 2.0 Å resolution," <i>J. Mol. Biol.</i> , 1989, 209, 779-791	
	9	Graves, B.J., et al., "Structure of 1 α at 2.7 Å resolution," <i>Biochemistry</i> , 1990, 29, 2679-2684	
SG	10	Gronenborn, et al., "Site directed mutants of human interleukin-1 α : a H-NMR and receptor binding study," <i>Federation of European Biochemical Societies</i> , April 1998, 231(1), 135-138	
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SG	11	Hannum, C.H., et al., "Interleukin-1 receptor antagonist activity of human interleukin-1 inhibitor," <i>Nature</i> , January 1990, 343, 336-340
	12	Huang, J.J., et al., "Muteins of human interleukin-1 that show enhanced bioactivities," <i>FEBS Letters</i> , November 1987, 223(2), 294-298
	13	Jobling, S.A., et al., "Biological activity and receptor binding of human prointerleukin-1 β and subpeptides," <i>J. Biol. Chem.</i> , November 5, 1988, 263, 16372-16378
	14	Ju, G.E., et al., "Conversion of the interleukin 1 receptor antagonist into an agonist by site-specific mutagenesis," <i>Proc. Natl. Acad. Sci. USA</i> , April 1991, 88, 2658-2662
	15	Kramer, D.R., et al., "Cytokine mediated effects in mucosa immunity," <i>Immunology and Cell Biology</i> , 1995, 73, 389-396
	16	Lin, et al., "Present status of the use of cytokines as adjuvants with vaccines to protect against infectious diseases," <i>Clinical Infectious Diseases</i> , December 1995, 21, 1439-1449
	17	Lofthouse, S.A., et al., "Parameters related to the application of recombinant ovine interleukin-1 β as an adjuvant," <i>Vaccine</i> , 1995, 13(14), 1277-1287
	18	MacDonald, H., et al., "Point mutations of human interleukin-1 with decreased receptor binding affinity," <i>FEBS Letters</i> , December 1986, 209(2), 295-298
	19	McMahan, C.J., et al., "A novel IL-1 receptor cloned from B cells by mammalian expression, is expressed in many cell types," <i>EMBO J.</i> , 10(10), 2821-2832
SG	20	Mosley, B., et al., "Determination of the minimum polypeptide lengths of the functionally active sites of human interleukins 1 α and 1 β ," <i>Proc. Natl. Acad. Sci.</i> , July 1987, 84, 4572-4576

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SG	21	Nakai, S. et al., "A Mutant Protein of Human Interleukin-1 β with Immunostimulatory But Not Pyrogenic Potency", <i>Life Sciences</i> , 1990, 47, 1707-1714	
	22	Nash, A.D., et al., "Recombinant cytokines as immunological adjuvants," <i>Immunology and Cell Biology</i> , 1993, 71, 367-379	
	23	Priestle, J.P., et al., "The three-dimensional structure of human interleukin-1 β refined to 2.0 Å resolution," in <i>Cytokines and Lipocortins in Inflammation and Differentiation</i> , 1990, 297-307	
	24	Priestle, J.P., et al., "Crystal structure of the cytokine interleukin-1 β ," <i>The EMBO Journal</i> , 1988, 7(2), 339-343	
	25	Seckinger, P., et al., "A urine inhibitor of interleukin 1 activity affects both interleukin 1 α and 1 β but not tumor necrosis factor α ," <i>J. Immunol.</i> , September 1, 1987, 139(5)	
	26	Sims, J.E., et al., "CDNA expression cloning of the IL-1 receptor, a member of the immunoglobulin superfamily," <i>Science</i> , July 29, 1988, 241, 585-588	
	27	Spriggs, M.K., et al., "Induction of an interleukin-1 receptor (IL-1R) on monocytic," <i>J. Biol. Chem.</i> , December 1990, 265(36), 22499-22505	
	28	Staats and Ennis, "IL-1 Is an Effective Adjuvant for Mucosal and Systemic Immune Responses When Coadministered with Protein Immunogens", <i>The Journal of Immunology</i> , May 15, 1999, 162, 6141-6147	
	29	Staats, H. F. et al., "IL-1 β Is an Effective Adjuvant for Nasal Vaccines", <i>Cytokine</i> , November, 1999, 11, 199	
SG	30	Wu, H.-Y., et al., "Comparison of systemic and mucosal priming for mucosal immune responses to a bacterial protein antigen given with or coupled to cholera toxin (CT) B subunit, and effects of pre-existing anti-CT immunity," <i>Vaccine</i> , 1994, 12, 215	
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SG	31	Young, P., et al., "A site-specific mutant of IL-1 β with reduced activity but wild-type binding," <i>Lymphokine Res.</i> , 1990, 9, 599 (Abstract No. 3.55)	
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
SG	32	5,206,014	04/27/93	Nencioni, et al.		
	33	5,286,847	02/15/94	Gehrke et al.	530	351
	34	5,334,379	08/02/94	Pillai, et al.		
↓	35	5,503,841	04/02/96	Doyle, et al.		
SG	36	5,847,098	12/08/98	Nakai et al.	536	23.5

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
SG	37	WO 91/01143	07/16/90	PCT		

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